

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S117	123	rate near3 (convert\$4 or conversion\$1) with (delay\$4 or shift\$4 or offset\$4) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 13:52
S119	43	(interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4)) with (delay\$4 or shift\$4 or offset\$4) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (doublet\$1 or pair\$4 or cop\$4 or duplicat\$4 or replica\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 17:25
S120	132	(interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4) or (rate near2 (convert\$4) or (rate near2 (conversion\$1 or scal\$4 or expand\$4)) or "a/d" or "adc" or (time near2 (scal\$4 or compress\$4)) or (analog adj2 digital adj2 (convert\$4 or conversion\$1))) with (delay\$4 or shift\$4 or offset\$4) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (doublet\$1 or pair\$4 or cop\$4 or duplicat\$4 or replica\$4 or identical\$2) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 16:06

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S12 4	67	((frequency or clock\$4 or sampl\$4) near2 (conversion\$1 or scal\$4 or expand\$4 or convert\$4)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (doublet\$1 or pair\$4 or cop\$4 or duplicat\$4 or replica\$4 or identical\$2) with (shift\$4 or delay\$4 or offset\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 17:08
S12 6	4	eshraghi and dac and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 16:54
S12 8	35	(resolution\$1 or multi\$2resolution\$1 or (multi adj resolution\$1)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (doublet\$1 or pair\$4 or cop\$4 or duplicat\$4 or replica\$4 or identical\$2) with (shift\$4 or delay\$4 or offset\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 17:04
S13 0	102	((frequency or clock\$4 or sampl\$4 or timing or time\$1) near2 (conversion\$1 or scal\$4 or expand\$4 or convert\$4 or stretch\$4 or compress\$4 or dilat\$4)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (doublet\$1 or pair\$4 or cop\$4 or duplicat\$4 or replica\$4 or identical\$2) with (shift\$4 or delay\$4 or offset\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 17:18

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S13 2	24	wavelet\$1 same ((frequency or clock\$4 or sampl\$4 or timing or time\$1) near2 (conversion\$1 or scal\$4 or expand\$4 or convert\$4 or stretch\$4 or compress\$4 or dilat\$4) or resolution\$1) same (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) same (doublet\$1 or pair\$4 or cop\$4 or duplicat\$4 or replica\$4 or identical\$2) same (shift\$4 or delay\$4 or offset\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 17:22
S13 4	243	(interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4)) with (delay\$4 or shift\$4 or offset\$4) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) and (redundanc\$3 or diversit\$3) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 17:31
S13 5	41	(interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4)) with (delay\$4 or shift\$4 or offset\$4) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (pair\$1 or cop\$3 or doublet\$1 or replica\$4 or duplicat\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129").	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/23 17:32

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S13 6	58	(interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4)) with (delay\$4 or shift\$4 or offset\$4) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (pair\$1 or cop\$3 or doublet\$1 or replica\$4 or duplicat\$4 or identical\$2) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 10:25
S13 7	173	(diversity or redundanc\$3) with resolution\$1 near2 (high\$2 or low\$2) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 11:05
S13 9	30	resolution\$1 near2 adjust\$4 near5 (interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4)) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 11:08
S14 1	76	(interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4) or (sampl\$4 near2 (rate\$1 or frequenc\$3))) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) same (diversity or redundanc\$3) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 11:24
S14 2	158	(interpolat\$4 or up\$2sampl\$4 or (up adj sampl\$4) or (over adj sampl\$4) or (sampl\$4 near2 (rate\$1 or frequenc\$3)) or ((frequenc\$3 or rate\$1) near2 (convert\$4 or conversion\$1))) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) same (diversity or redundanc\$3) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 11:32

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S14 3	85	(frequenc\$3 or rate\$1) near2 (convert\$4 or conversion\$1) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) same (diversity or redundanc\$3) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 13:44
S14 5	25	(frequenc\$3 or rate\$1) near2 (convert\$4 or conversion\$1) near5 (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) near6 (pair\$1 or replica\$4 or duplicat\$4 or cop\$3 or doublet\$1) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 13:46
S14 6	32	(frequenc\$3 or rate\$1) near2 (convert\$4 or conversion\$1) near5 (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) near6 (pair\$1 or replica\$4 or duplicat\$4 or cop\$3 or doublet\$1 or identical\$2) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 15:20
S14 9	714	(time or delay\$3 or phase) near3 (diversity or redundancy) with (plurality or multiple\$1 or pair\$1 or replica\$4 or duplicat\$4 or cop\$3 or doublet\$1 or identical\$2) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 15:23
S15 0	185	(time or delay\$3 or phase) near3 (diversity or redundancy) with (pair\$1 or replica\$4 or duplicat\$4 or cop\$3 or doublet\$1) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 17:15

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S15 2	1569	(375/267,299).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 15:47
S15 3	655	S152 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 15:47
S16 3	934	S162 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 17:13
S16 4	222	(time or delay\$3 or phase or multipath\$1) near3 (diversity or redundancy) same (multiple or plurality or different) near2 (rate\$1 or frequenc\$3 or period\$1 or clock\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 17:18
S17 3	46	(diversity or redundancy) and (delay\$4 or offset\$4 or (phase near2 shift\$4)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (time or timing or frequenc\$3) near2 (scal\$4 or weigh\$4 or stretch\$4 or dilat\$4 or compress\$5) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/24 17:54
S17 5	347	(diversity or redundancy) and (delay\$4 or offset\$4 or (phase near2 shift\$4)) same (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) same (time or timing or frequenc\$3) near4 (scal\$4 or weigh\$4 or stretch\$4 or dilat\$4 or compress\$5) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:14

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S17 7	367	(diversity or redundancy) and (delay\$4 or offset\$4 or (phase near2 shift\$4)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (time or timing or frequenc\$3) near4 (adjust\$4 or correct\$4 or updat\$4 or vary\$4 or vari\$3 or chang\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:17
S17 8	421	(diversity or redundancy) and (delay\$4 or offset\$4 or (phase near2 shift\$4)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (time or timing or frequenc\$3 or rate\$1 or sampl\$4 or period\$1) near4 (adjust\$4 or correct\$4 or updat\$4 or vary\$4 or vari\$3 or chang\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:18
S17 9	45	(diversity or redundancy) same (delay\$4 or offset\$4 or (phase near2 shift\$4)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (time or timing or frequenc\$3 or rate\$1 or sampl\$4 or period\$1) near4 (adjust\$4 or correct\$4 or updat\$4 or vary\$4 or vari\$3 or chang\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:25
S18 0	49	(diversity or redundancy) same (delay\$4 or offset\$4 or (phase near2 shift\$4)) with (combin\$4 or summ\$4 or summation\$1 or adding or adder\$1 or addition\$1) with (time or timing or frequenc\$3 or rate\$1 or sampl\$4 or period\$1) near4 (select\$4 or switch\$4 or assign\$4 or allocat\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:32

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S18 1	238	(diversity or redundancy) near3 resolution\$1 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:39
S18 2	25	(diversity or redundancy) same doublet\$1 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:44
S18 3	604	(diversity or redundancy) same (time\$1 or timing\$1 or frequenc\$3 or rate\$1) near2 (compress\$4 or scal\$4 or dilat\$4 or stretch\$4 or expand\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:47
S18 4	21	(diversity or redundancy) same re\$2timing\$1 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 14:05
S18 5	81	(diversity or redundancy) same (time\$1 or timing\$1 or frequenc\$3 or rate\$1) near2 (compress\$4 or scal\$4 or dilat\$4 or stretch\$4 or expand\$4) same (doublet\$1 or pair\$1 or replica\$4 or duplicat\$4 or composit\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 13:48
S19 1	685	(diversity or redundancy) same (repeat\$4 or repet\$4) same (shift\$4 or delay\$4 or offset\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 14:16
S19 5	669	(diversity or redundancy) same ("d/a" or "dac" or "d-a" or digital\$2to\$2analog or (digital adj2 analog)) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 14:20



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S19 6	215	diversity same ("d/a" or "dac" or "d-a" or digital\$2to\$2analog or (digital adj2 analog)) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 14:54
S19 8	3	wavelet near2 transform\$5 with antenna\$1 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 15:00
S19 9	608	375/240.19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 14:58
S20 2	2	wavelet near2 transform\$5 same diversity and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 15:20
S20 3	416	wavelet near2 transform\$5 same transmit\$4 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 15:02
S20 4	6	wavelet near2 transform\$5 same transmit\$4 same antenna\$1 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 15:04
S20 5	3	wavelet near2 transform\$5 same transmit\$4 same amplif\$4 and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 15:07
S20 6	373	diversity same primary with (redundant or secondary) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 15:08

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S20 7	57	diversity same primary with (redundant or secondary) same (shift\$4 or delay\$4 or offset\$4) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 15:09
S21 0	3	(over\$2saml\$4 or (over adj sampl\$4)) with combin\$4 with (doublet\$1 or pair\$1 or duplica\$4 or cop\$4 or replica\$4) with (delay\$4 or offset\$4 or (phase near2 shift\$4)) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 16:47
S21 1	9	(up\$2saml\$4 or (up adj sampl\$4) or interpolat\$4) with combin\$4 with (doublet\$1 or pair\$1 or duplica\$4 or cop\$4 or replica\$4) with (delay\$4 or offset\$4 or (phase near2 shift\$4)) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/25 16:48
S21 3	19	(recording or reproduc\$4) same condition\$4 with amplif\$4 same distribut\$4 near5 (energ\$3 or power\$1) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 10:28
S21 4	445	condition\$4 near3 signal\$1 same distribut\$4 near5 (energ\$3 or power\$1) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 10:28
S21 5	115	(recording or reproduc\$4) and condition\$4 near3 signal\$1 same distribut\$4 near5 (energ\$3 or power\$1) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 11:02

## EAST Search History

S21 7	250	audio near3 signal\$1 and condition\$4 same distribut\$4 near5 (energ\$3 or power\$1) and (@pd<"20001129" or @ad<"20001129" or @prad<"20001129" or @rlad<"20001129")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 11:04
S22 4	37	audio near2 broadcast near2 signal\$1 near4 (block\$4 or segment\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 15:56
S22 6	64	audio near2 signal\$1 near4 (block\$4 or segment\$4 or portion\$1 or part\$1) with (diversity or redundan\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 14:09
S22 9	9	audio near2 signal\$1 near4 (header\$1 or preamble\$1) and dab	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 15:57
S23 0	413	audio near2 signal\$1 near4 (header\$1 or preamble\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/28 15:57